



Main Pass I 300 Foot Jack-Up

General Description

Design	Friede & Goldman L-780-MOD II
Year Built / Last Upgrade	1982 / 2013
Hull Dimensions	180 ft. x 175 ft. x 25 ft.
Spud Can Diameter	40 ft.
Legs (3)416 ft. long triangular
Quarters Capacity84 persons
Maximum Water Depth	300 ft.
Cantilever Envelope	50 ft. by 24 ft. (with 10 ft extension)
Maximum Variable Load (drilling)	Approx. 4,500 kips*

**depending on water depth and geographical location*

Drilling Equipment

Derrick	DSI 160 ft. x 30 ft. x 30 ft. derrick, static hook load capacity 1,250,000 lbs. with fourteen (14) lines
Drawworks	National 1625 DE, 3,000 HP rated input power, driven by three (3) GE 752 series DC motors, with Baylor 7838 auxiliary electric brake
Rotary Table	National C-375, 37-1/2 in. driven by a GE 752 DC electric motor with two speed gear box
Top Drive	Varco TDS-4S, 650 short tons, rated to 50,900 ft.lbs maximum continuous drilling torque in low gear, outfitted with a Varco PH-85 pipe handler
Mud Pumps	Two (2) National 12-P-160 triplex pumps 1,600 HP, each driven by two (2) GE 752 DC motors, rated to 5,000 psi working pressure
Solids Control	Four (4) VSM 300 four-panel linear motion shale shakers; one (1) Brandt King Cobra 24/3 with 3 x 12" cones and 24 x 3" cones

Storage Capacities

Liquid Mud	2,312 bbls. (including slug pit)
Drill Water	3,392 bbls.
Fuel	2,470 bbls.
Bulk Mud	4,575 cu. ft.
Bulk Cement	4,110 cu. ft.

Power Equipment

Main Power	Five (5) Caterpillar D-399TA diesel engines, 1,310 HP driving five (5) KATO 600 volt 1,030 KW AC generators
Power Dist.	Four (4) Ross Hill SCR units, 1,600 amps each, 750 volt, powering eight (8) drilling motors

BOP Equipment

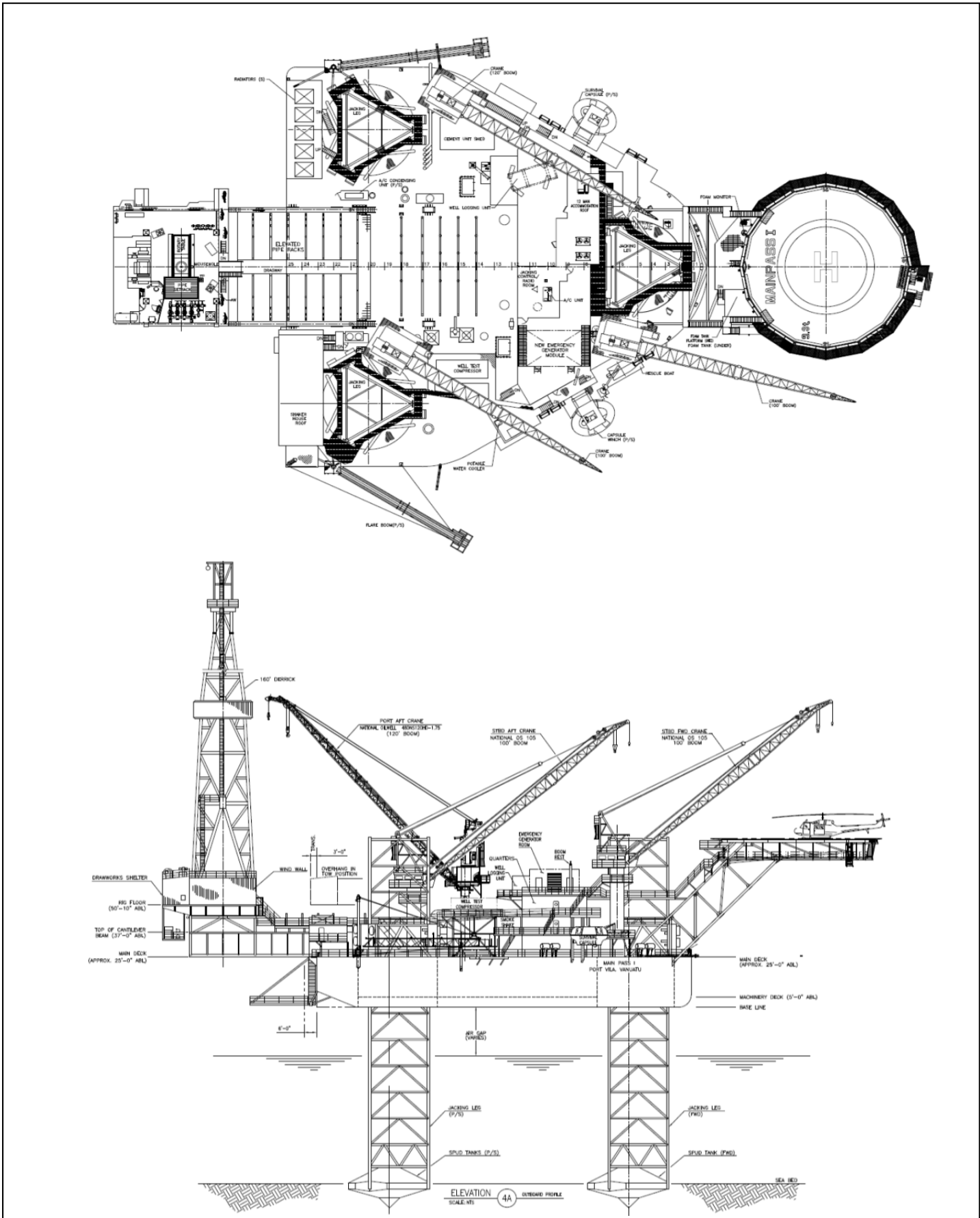
Diverter	Shaffer 21-1/4in. 2,000 psi with drilling spool, with a 12 in. full opening ball valves and two (2) 12 in. discharge lines
BOP Stack	13-5/8 in. x 10,000 psi WP BOP stack consisting of two (2) Cameron Type U double ram preventers and one (1) Shaffer 13-5/8 in. 5,000 psi WP annular preventer
BOP Handling	Ingersoll Rand hoist and trolley handling system rated to 60 short tons with four lifting points

Cranes

Two (2) National OS105 hydraulic cranes, 100 ft. booms, rated for 40 short tons at 25 ft. radius; one (1) National 48 Kingpost crane, 120 ft. boom, rated at 55 short tons at 30 ft. radius

Special Features

A ten (10) ft. cantilever extension is available to increase the cantilever maximum skid out distance to 50 ft.



Main Pass I



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Shelf Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.